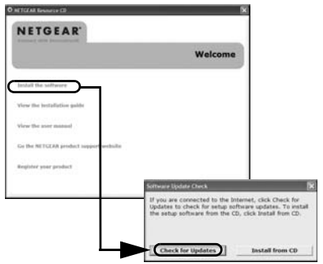
NETGEAR® Installation Guide

NETGEAR RangeMax™ NEXT Wireless PCI Adapter WN311B

Installation

These setup instructions assume that you will connect to an access point or wireless router. Estimated completion time: 10 minutes.

1. First, install the WN311B software.



Insert the *Resource CD*. If the CD main page does not appear, double click **Autorun.exe** on the CD.

a. Click **Install the Software**. The Check for Updates window opens.

b. If you are connected to the Internet, click **Check for Updates**. If not, you can choose to install from the CD.

c. Follow the NETGEAR Smart Wizard steps and click **Next** to continue.

When the software has been installed, proceed to the next step.

2. Now, insert the wireless PCI adapter.

a. When prompted by the Connection Wizard, shut down the computer.

b. Unplug the computer, open the case, and install the Wireless PCI Adapter into a PCI slot.

c. Connect the antenna to the adapter and position the antenna in the up position.

d. Close the case, plug the power cord back in, and restart your computer.

You will be prompted to select the country where you are located.

e. Select the country and click **Agree**.

3. Use the Smart Wizard to set up your wireless PCI adapter.

NETGEAR
NETGEAR Smart Wizard(recommended)
Microsoft Windows XP Wireless Zero Configuration(refer to the Microsoft documentation for help)
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a. Windows 2000 users go to Step b. Windows XP or Vista users can set up the wireless PCI adapter either with the NETGEAR Smart Wizard (recommended) or the Windows configuration utilities.

- **NETGEAR Smart Wizard:** Reveals more information about each network and makes it easier to troubleshoot network connection problems.
- **Windows configuration utilities:** See the Windows documentation or "Using Windows XP and Vista Wireless Configuration Utilities" at: *http://documentation.netgear.com/reference/enu/winzerocfg/index.htm*

b. Click **Next** to accept the Smart Wizard.

You will be prompted to let the wizard help you connect to a network (recommended).

c. Click **Next** to accept.

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NETGEAR Smart Wizard(recommended)
Microsoft Windows XP Wireless Zero Configuration(refer to the Microsoft documentation for help)
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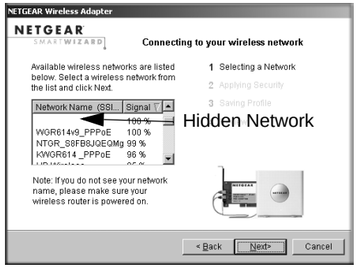
4. Connect to a wireless network.

The next screen that displays depends on whether there is a wireless router or access point at your location that supports Push 'N' Connect. NETGEAR's Push 'N' Connect feature is based on the Wi-Fi Protected Setup (WPS) standard.

Note: The WN311B Wireless PCI Adapter only supports WPS on Windows XP, not Windows 2000 or Vista.


NETGEAR
Connecting to your wireless network
Available wireless networks are listed below. Select a wireless network from the list and click Next.
Network Name (SSI...
Signal
WGR614v9_PPPoE 100 %
NTGR_S8FBBJQEQMg 99 %
KWGR614 _PPPoE 96 %
Hidden Network
Note: If you do not see your network name, please make sure your wireless router is powered on.
1 Selecting a Network
2 Applying Security
3 Saving Profile
< Back
Next>
Cancel

The wireless networks in your area do not support (WPS).

NETGEAR
We have detected that some of your neighborhood Wireless AP/router support a easy and secured way(WPS) to connect to the router.
Please check if the router you want to connect has either a PIN or a Push Button.
Yes, the AP/router supports either of them and I want to use it.
No
For NETGEAR AP/router, please look for the PIN and push button as below.
SECURITY PIN
12345678
Push Button
PIN
Learn More
< Back
Next>
Cancel

One or more wireless networks with WPS are in your area.

a. Follow the instructions on the Connecting to your wireless network screen:

- If there are no WPS networks, select a wireless network from the drop-down list.

  If the network uses security, then the Smart Wizard detects it.

  Note: Hidden networks do not broadcast the Network Name (SSID). These networks are in the drop-down list, but the Network Name (SSID) is blank.

- If you are using WPS, click **Next** to continue.

  WPS allows you to click a button or create a PIN number to securely connect to a wireless router or access point. Both the wireless adapter and the router or access point must support WPS. For more information about WPS, see the *NETGEAR RangeMax™ NEXT Wireless PCI Adapter Model WN311B User Manual* on the *Resource CD*.

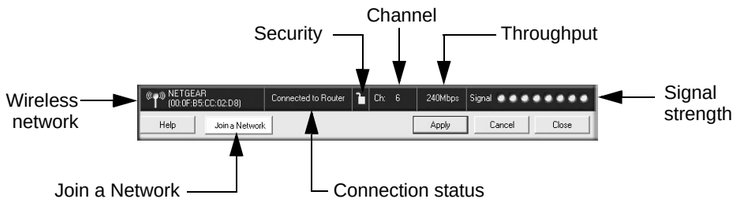
b. Follow the Smart Wizard steps to connect to a network and to save a Profile.

c. After you have reviewed the settings, click **Finish**.

The WN311B icon appears in the system tray and on the desktop; and the Settings page opens. The wizard initiates your wireless connection. It could take up to a minute for your wireless connection to be established. Check the status bar as described in *Using the Status Bar* on the other side of this card.

Using the Status Bar

The status bar is located at the bottom of the Settings screen.



Understanding the Status Bar	
Wireless network	Identifies which wireless network you have joined.
Security	• Locked: security enabled. • Unlocked: security not enabled.
Channel	The wireless channel used by the network. If many wireless networks in your area use the same channel they can interfere with one another.
Throughput	Wireless throughput measured in Mega bits per second. To optimize throughput, connect to a network with a high-speed router or access point, and a high-speed Internet connection.
Signal strength	More dots indicates a stronger signal. Usually, you will experience higher throughput when the signal is strongest.
Join a Network	Click **Join a Network** to open the Connection Wizard.
Connection status	Identifies the status of your network connection. • **Connected to Internet:** Wireless Internet connection is OK. • **Connected to Router:** Wireless connection to the router is OK but the router is not connected to the Internet. • **169.254.x.x or ___.___.___.___ :** The wireless connection to the router is OK but there is a problem with the router. See the online help or the *NETGEAR RangeMax™ NEXT Wireless PCI Adapter Model WN311B User Manual* on the *Resource CD*.

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Technical Support

After completing the Smart Wizard configuration assistant, locate the serial number on the bottom label of your product and use it to register your product at *http://www.NETGEAR.com/register.*

Registration on the website or over the phone is required before you can use our telephone support service. The phone numbers for worldwide regional customer support centers are on the Warranty and Support Information card that came with your product.

Go to *http://www.NETGEAR.com/support* for product updates and Web support.

This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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